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## CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

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COUNTRY	East Germany	REPORT NO.		25X1A
SUBJECT	Planned Expansion of Dynamo Sheet Production at Blechwalzwerk Olbernhau	DATE DISTR.	2 September 1953	
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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.  
THE APPRAISAL OF CONTENT IS TENTATIVE.  
(FOR KEY SEE REVERSE)

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SOURCE:

1. A review of the capital investments planned to expand the dynamo sheet production of Blechwalzwerk Olbernhau was undertaken upon orders of State Secretary Richard Goschuetz of the Ministry of Mining and Smelting. The aim of the review was to determine whether it would be possible to advance the terminal dates of the investment program in order that the production of dynamo sheet might be accelerated by the end of 1953. This review revealed that the capital investment projects could not be essentially speeded up to affect 1953 production.
2. The causes for the inability to speed up the investment plans at the Olbernhau rolling mill, as revealed by the review, were as follows:
  - a. Contracts let by Olbernhau for the delivery of production equipment would not be filled early enough to affect 1953 production.
  - b. A major portion of the work which would have to be undertaken to expand production facilities at Olbernhau was of such a nature (rebuilding of furnaces, rolling mill power unit -- Walzenstrassenantrieb --, and mounting of crane), that normal production would have to be interrupted.
  - c. The filling of the investment plan at Olbernhau, and the expansion of production facilities there, were contingent upon the completion of the investment projects of the Main Department for Power (HV-Energie) of the State Secretariat for Power and Coal. Contained in the investment program of HV Energie is the construction of a 30 kw. overhead transmission line to the Olbernhau mill, necessary to supply the increased power-needs of the new equipment to be installed at Olbernhau.
3. The following are the investment projects planned for the Olbernhau Blechwalzwerk:
  - a. The three-high rolling-mill train (3-gerüst. Trafostrasse) is in urgent need of a second power unit. An order for a spur wheel drive assembly

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(Stirnradgetriebe) was placed with the G. Dimitroff machine construction firm in Magdeburg on 21 November 1952. Specifications for the assembly are:

type: D 2400, according to drawing no. 148649  
 transmission: 400 kw. normal  
                   800 kw. maximum  
                   1600 kw. thrust (Stoss) "bei n = 720/33.7" rpm  
                                   (at a reduction of 720/33.7 rpm)  
 housing: cast iron  
 shafts: forged  
 spur gear: cast steel  
 bearing box: cast iron and cast babbit metal

Motors are on hand. Delivery date for spur-wheel drive assembly not yet set; anticipated before the end of current year.

- b. After the gear assembly in (a) above has been installed, another one will be ordered. Specifications are:

type: D 2400, according to drawing no. 148648  
 transmission: 750 kw. normal  
                   1500 kw. maximum  
                   3000 kw. thrust (Stoss) "bei n = 750/33.6" rpm  
                                   (at a reduction of 750/33.6 rpm)  
 housing: cast iron  
 shafts: forged  
 spur gear: cast steel  
 bearing box: cast iron and cast babbit metal

Motors to power the unit have been ordered from Sachsenwerk Niedersedlitz as of 21 November 1952.

- c. One AC rolling-mill motor, SD 172/8, 700 kw., 500 volt, 750 rpm. No delivery date has been set.
- d. Two oil-cooled transformers for a new transformer substation. These, however, cannot be delivered to Olbernhau during the current year; anticipated delivery date - sometime in 1954.

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